

PROCEEDINGS OF THE SEVENTY-FOURTH ANNUAL MEETING

JOHN L. ZIMMERMAN, SECRETARY AND JOHN A. SMALLWOOD,
ACTING SECRETARY

The Seventy-fourth Annual Meeting of the Wilson Ornithological Society was held Thursday, 29 April through Sunday, 2 May at the Arboretum Centre, University of Guelph, Guelph, Ontario, Canada in joint session with the Society of Canadian Ornithologists. The local committee, chaired by Alex L. A. Middleton, was composed of Tom Ashby, Pam Bessey, David Brewer, Chris Earley, Lori Ferguson, Graeme Gissing, Mike LePage, Lois McCullough, Chris McKinnon, Mark Miller, Valerie Olson, Paul Stack, Vernon Thomas, Harry Vogel, and Sarah Wilkinson. The meeting was hosted by the Department of Zoology and the Arboretum Centre of the University of Guelph and the Guelph Field Naturalists' Club.

The Council met from 13:14 to 18:11 on Thursday and from 16:48 to 18:23 on Friday in the Arboretum Centre Board Room. On Thursday registration for the 131 guests and members was followed by an evening presentation and exhibition, "Birds in Wood," by Uta Stelive at the Faculty Club in the University Centre, and an informal reception. The opening session on Friday convened in the Auditorium of the Arboretum Centre at 08:30 where the societies were welcomed by Alex (Sandy) Middleton. President Richard Banks responded for the Wilson Ornithological Society, and President J. Bruce Falls responded for the Society of Canadian Ornithologists.

The scientific papers session, which included contributed papers and symposia on Undergraduate Outreach in Ornithology convened by Dan Tallman and Monitoring Bird Populations: The Canadian Experience, convened by Bruce Falls, met in the Auditorium and Board Room of the Arboretum Centre. Posters were presented on Saturday in the Sun Room. The evening program on Friday offered an opportunity to "catch a glimpse" of woodcock mating displays, an illustrated talk by Michael Bradstreet on the Long Point Bird Observatory, a Bird Quiz, as well as a congenial social time with light refreshments. Field trips to local areas were conducted on both Friday and Saturday mornings, while extended field trips on Sunday included the Wild Bird Clinic of the Ontario Veterinary College, the Royal Botanical Garden ("Coot's Paradise") in Hamilton, Long Point Bird Observatory, and Luther Marsh.

A social hour preceded the annual banquet, which was held in the University Centre. Dr. Ian Barker offered a banquet address on "Lyme Disease." After the banquet the following awards were presented:

EDWARDS PRIZE (for the best major article in volume 104 of *The Wilson Bulletin*)

Michael A. Schroeder and Clait E. Braun, "Greater Prairie-Chicken attendance at leks and stability of leks in Colorado." *Wilson Bull.* 104(2):273–284.

LOUIS AGASSIZ FUERTES AWARD

David G. Haskell, "A comparative study of the begging behavior of nestling warblers."

MARGARET MORSE NICE AWARD

Juan Martin Nunes Chas, "Feeding biology and habitat use studies of the Strigiformes in the Punilla Valley, Cordoba, Argentina."

PAUL A. STEWART AWARDS

Serge Brodeur, "Home range and migratory movements of Golden Eagles breeding in Hudson Bay, Quebec."

Anthony Elliot, "Evaluation of damage to citrus fruits by frugivorous birds in Stann Creek, Belize."

Steven Kock, "The effect of landscape pattern on the demography of neotropical migrant birds."

Cynthia Parr, "Social organization in the American Crow."

Bonnie Stout, "The molt and fall migration of the Red-necked Grebe."

ROGER TORY PETERSON INSTITUTE TRAVEL AWARDS

Brian D. Peer, "Explanations for the lack of parasitism of the Common Grackle (*Quiscalus quiscula*) by the Brown-headed Cowbird (*Molothrus ater*)."

Vladimir V. Pravosudov, "Social organization of the Eurasian Nuthatch."

Drew J. Hoysak, "Morphological, hormonal, and other factors influencing Mallard dominance over American Black Ducks."

ALEXANDER WILSON PRIZE (for best student paper)

Kevin M. Brown and Michelle Woulfe, "Adoption in Ring-billed Gulls."

Selection committee for the Edwards Prize—Charles Blem, chair, John Hagan, Scott Robinson, and Chris Stinson; for the Fuertes, Nice, and Stewart Awards—Judy McIntyre, Gary Nuechterlein, chair, and Richard Stiehl; for the Wilson Prize—Dick Conner, Judy McIntyre, Craig Rudolph, and John Smallwood; for the Peterson Travel Award—Paul A. Benke, Dick Conner, chair, and Lynn Møseley.

FIRST BUSINESS MEETING

The first business meeting was called to order by President Banks at 08:42 on Friday, 30 April, in the Arboretum Centre Auditorium. The membership was asked to stand by John Smallwood, acting for Secretary Zimmerman, in honor of fellow members who had died since the last annual meeting—Piercc Brodkorb (Gainesville, FL), Maurice G. Brooks (Morgantown, WV), William F. Drury (Bar Harbor, ME), Richard E. Fitzner (Benton City, WA), William G. George (Cobden, IL), Paul W. McIlhenny (New Orleans, LA), Gordon M. Meade (Pittsford, NY), Humphrey A. Olson (Vincennes, IN), Thomas C. Savage (St. Paul, MN), Robert F. Vane (Cedar Rapids, IA), Lawrence H. Walkinshaw (Holt, MI), Harold F. Wing (Jackson, MI), Merrill Wood (State College, PA), and R. A. Ycatter (Champaign, IL).

President Banks reminded the membership that the resolutions were posted for member perusal.

Judy McIntyre, in the absence of Research Awards Committee chair Gary Nuechterlein, announced the winners of the Fuertes, Nice, and Stewart Awards. The Peterson Travel Award winners were announced by First Vice-president Dick Conner.

President Banks introduced Don Jenni, who invited the membership to participate at the joint annual meetings of the Wilson and Cooper Ornithological Societies and The American Ornithologists' Union in Missoula, MT, 21–26 June 1994.

President Banks presented the report of the nominating committee (Mary A. Clench, chair, William E. Davis, Jr., and Fred E. Lohrer): Richard N. Conner, President; Keith L. Bildstein, First Vice-president; Edward H. Burt, Jr., Second Vice-president; John L. Zim-

merman, Secretary; Doris J. Watt, Treasurer; and Laurie J. Goodrich and Donald F. Cacamise, Elected Council Members for 1994–1996.

Sandy Middleton made announcements regarding field trips, papers presentations, and the banquet. Bruce Falls made announcements for the members of the Society of Canadian Ornithologists, and Keith Bildstein commented on the scientific program. The meeting was adjourned at 09:03, probably by George Hall.

SECOND BUSINESS MEETING

The second business meeting was called to order by President Banks at 13:32 on Saturday, 1 May, in the Arboretum Centre Auditorium. John Smallwood, in the absence of John Zimmerman, presented the following summary of the Council meeting. The present membership in the Society is 2250, a 3 percent increase over last year. The 1994 meeting will be in joint session with the Cooper Ornithological Society and The American Ornithologists' Union in Missoula, MT on 21–26 June. Because of the large attendance expected, members are encouraged to present posters rather than papers. The Wilson Society has received an invitation to hold its 1995 annual meeting in Williamsburg, VA in April. Charles Blem was unanimously elected to serve another one year term as editor of *The Wilson Bulletin*. The Council is deeply appreciative to Charlie for a job well done! It was passed that Buck Edwards and George M. Sutton (deceased) be recognized for their contributions to the Society by being designated as Patrons. The Council authorized Doris Watt, our Treasurer, to hire professional accounting services for the Society's IRS return, and her authorization to spend discretionary funds was reaffirmed. Furthermore, the Council changed the Society's fiscal year from the calendar year to July through June. The Fuertes, Wilson, and Nice funds will no longer be accounted separately, and the amounts of the awards were fixed, beginning next year, at one Fuertes Award for \$600, one Nice Award for \$200, and one Wilson Prize for \$200.

Doris Watt presented the treasurer's report.

REPORT OF THE TREASURER
1 JANUARY 1992 TO 31 DECEMBER 1992

GENERAL FUNDS

<i>Balance Forward</i>	\$ 94,549.36
<i>Receipts</i>	
Regular and sustaining memberships	\$ 41,962.75
Student memberships	5,256.00
Family memberships	<u>306.00</u>
Total dues	\$ 47,524.75
Subscriptions for 1992	\$ 30,079.00
Back issues	255.00
Contributions from authors for page charges	<u>13,630.19</u>
Total income from the Bulletin	\$ 43,964.19
Contributions to The Van Tyne Library	\$ 523.00
Contributions to General Endowment (Life Patrons)	2,625.00
Contributions to the Research Fund	104.00
Contributions to the Roger Tory Peterson Fund	2,000.00
Contributions to the General Endowment	436.00
Unrestricted contributions	<u>389.00</u>
Total contributions	\$ 6,077.00

Interest from endowments	18,016.10	
Dividends from Dreyfus account	2,634.42	
Interest from checking account	<u>913.66</u>	
Total income from interest and dividends		\$ 21,564.18
Newsletter subscriptions		187.24
List rental		2,615.97
Microfilm		141.08
Meeting refund		3,166.35
Miscellaneous		<u>40.52</u>
TOTAL RECEIPTS		\$125,281.28

Disbursements

Bulletin Publication

December 1991	\$ 21,786.07	
March 1992	19,205.76	
June 1992	17,084.02	
September 1992	16,723.11	
Editor's expenses	<u>5,152.64</u>	
Total publication costs		\$ 79,951.60
OSNA expenses	\$ 9,790.00	
Postage	623.68	
Telephone	157.19	
Secretary's expenses	49.70	
Treasurer's bond	105.00	
Bank deposit slips	15.00	
Incorporation fee	5.00	
CPA (Tax filing)	350.00	
Back issue storage	75.30	
Advertisement (Allen Press)	400.00	
Meeting advance	700.00	
Van Tyne Library	99.78	
AAZN and ICBP dues	300.00	
RTP refund	<u>100.00</u>	
Total operating expenses		\$ 12,770.65
Roger Tory Peterson Award	\$ 900.00	
Wilson Award	200.00	
Edwards Prize	400.00	
Stewart Awards	1,500.00	
Fuertes Award	500.00	
Nice Award	<u>200.00</u>	
Total awards		\$ 3,700.00
Endowment fund transfer		\$ 2,396.00
TOTAL DISBURSEMENTS		\$ 98,818.25
Ending Balance		\$121,012.39

CASH ACCOUNTS

First Source Bank checking account 31 December 1992...	\$ 40,682.56	
Dreyfus liquid assets 31 December 1992	<u>80,329.83</u>	
Total cash on hand		\$121,012.39

DESIGNATED ACCOUNTS

Fuertes & Nice Awards

1991 Balance	\$	572.50
1992 Earnings*		450.00
Awards funds available		1,022.50
Funds disbursed for awards		700.00
1992 Balance	\$	322.50

Wilson Award

1991 Balance	\$	95.30
1992 Earnings*		125.25
Funds available		220.55
Funds disbursed for awards		200.00
1992 Balance	\$	20.55

Stewart Award

1991 Balance	\$	949.70
1991 Earnings*		1,029.59
Funds disbursed for awards		1,500.00
1992 Balance	\$	479.29

Edwards Prize

1992 Earnings*	\$	99.78
Funds disbursed for awards		400.00
1992 Balance	\$	−300.22

Sutton Color Plate Fund

1991 Balance	\$	94.50
1992 Earnings*		2,478.63
Funds disbursed for color plates 1992		4,177.50
1992 Balance		0

TOTAL ENDOWMENT FUNDS (Market Value)

1992	\$430,258.00
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* Based on 4.5% interest earned on principal invested with Mellon Bank.

Charles Blem presented the editor's report.

EDITOR'S REPORT—1992

In 1992, 180 manuscripts (86 major papers, 94 short communications) were received by *The Wilson Bulletin* editorial office. This is 10 more than in 1991. Of these, 40% were accepted and 60% were rejected. The time between receipt of manuscript from the author(s) and our return of the manuscript with referee comments nearly always has been less than three months. No manuscript required more than four months for a decision. There is not a great backlog of manuscripts, so accepted revisions almost always have been published in the next scheduled issue. Frontispiece articles may take a bit longer. The average time between receipt of a manuscript and its appearance in *The Wilson Bulletin* in 1992 was almost always less than a year. A few papers required longer because authors were slow to return revisions.

Volume 104 included the largest single issue and the largest total number of pages ever published by *The Wilson Bulletin*. The increased size was made possible by the generosity of many authors who paid page costs.

I am grateful to the editorial board—Kathy G. Beal, R. N. Conner, J. A. Smallwood, C. R. Smith and C. H. Stinson—for their timely, skilled evaluations of many of the manuscripts submitted to the journal. I also thank George A. Hall for his editorship of the book reviews section. Assistant Editors Leann Blem, Albert E. Conway, and Karen Killeen are responsible for the consistency of style and format, and for making arcane prose more readable. I thank them for their efforts. Kathy G. Beal deserves special praise for continuing to assemble the index for *The Wilson Bulletin*. This a tedious task and the entire society benefits from her careful work. For six years Leann Blem has provided much of the manual labor that keeps the editorial office running and she catches many of the small errors that can plague a publication. I remain open to suggestions as to how to improve the service we provide the readers and authors, and invite you to make your opinions known to me.

C. R. Blem, *Editor*

Charles Smith reported for the Auditing Committee: On 30 April 1993, an Audit Committee of Daniel Klem, Jr. and Charles R. Smith met with the Treasurer, Doris J. Watt, to review the financial records and reports of the Wilson Ornithological Society. The Society's financial records and reports for the period 1 January through 31 December 1992 were found to be in good order. It should be noted that the Treasurer has shown commendable attention to detail in accounting for the financial transactions of the Society. The Audit Committee offers the following recommendations for consideration by the Society: (1) that employment of a professional accountant for preparation of the Society's annual report to the Internal Revenue Service be continued for 1993, and (2) that consideration be given to establishing a fiscal year of 1 July through 30 June to conform to the fiscal year of OSNA and make the annual budget development process easier.

Ted Davis moved and Dick Conner seconded the motion that the reports of the Treasurer, Editor, and Auditing Committee be approved and the motion passed by unanimous acclaim.

President Banks recalled the report of the Nominating Committee to the floor of the assembly. Additional nominations for the offices of President, First Vice-president, Second Vice-president, Treasurer, Secretary, and Elected Council members were requested from the floor. None were offered. Mary Clench moved and Ted Davis seconded that the nominations be closed. The motion passed, and George Hall then moved, with a second from Dick Conner, that a unanimous ballot be cast for the nominated set of officers. The motion passed and a unanimous ballot was recorded.

REPORT OF THE RESOLUTIONS COMMITTEE

President Banks presented the report of the Resolutions Committee (Jim Dick, Erica Noll, chair, and Charles Smith).

Resolution on Piping Plovers

WHEREAS, the prairie population of the Piping Plover (*Charadrius melodus*) has been classified as Endangered by the Committee on the Status of Endangered Wildlife in Canada (Canada) since 1985 and by the United States Fish and Wildlife Service since 1986, and

WHEREAS, the population of Piping Plover has been declining steadily since the early 1970s, and

WHEREAS, in some years 5% of the breeding population uses Lake Diefenbaker in Central Saskatchewan for breeding, and

WHEREAS, in some years, the population on Lake Diefenbaker is the largest single population of this species in the world, and

WHEREAS, in some years, the raising of lake levels by the Saskatchewan Water Corporation on Lake Diefenbaker results in a significant loss of annual productivity of this species,

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society and the Society of Canadian Ornithologists strongly recommend that the Saskatchewan Water Corporation delay their schedule of filling Lake Diefenbaker, so that losses of Piping Plover eggs and/or chicks are minimized.

The motion to accept this resolution was made by Jon Barlow, seconded by Dick Conner, and unanimously passed.

Resolution on Presqu'ile Provincial Park

WHEREAS, bird-watching and nature appreciation are the major reason visitors give for visiting Presqu'ile Provincial Park in Ontario, and

WHEREAS, large numbers of migrating waterfowl and shorebirds use the park as a staging area, and

WHEREAS, Presqu'ile Provincial Park is a "Class 1" wetland under the designation system of the Ontario Ministry of Natural Resources, an Area of Natural and Scientific Interest, a potential site for the Western Hemisphere Shorebird Reserve Network, and a potential "Ramsar" wetland on international significance, and

WHEREAS, the Gull and High Bluff islands are designated "The Presqu'ile Islands Wilderness Area" under the Ontario Ministry of Natural Resources Wilderness Areas Act, and

WHEREAS, the waterfowl hunt discourages large numbers of visitors that bird watch and results in the accidental deaths of shorebirds on migration,

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society and the Society of Canadian Ornithologists support the immediate completion of the management plan for the park, and a cessation of the annual waterfowl hunt in the park.

Murray Spiers moved to accept the resolution and it was seconded by Herb Hendricks. The motion was passed unanimously by the membership.

Resolution on mist nets.

WHEREAS, mist nets are used in the commercial exploitation of passerines in the Mediterranean, Japan, and other areas of the world, and

WHEREAS, the export regulations make it difficult to procure mist nets for scientific use,

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society and the Society of Canadian Ornithologists respectfully urge that the regulatory institutions relax bans on the export of mist nets for scientific use.

The motion to accept this resolution was made by Dick Conner, seconded by Doris Watt, and unanimously passed by the membership.

Resolution on the Steller's Eider

WHEREAS, the Steller's Eider (*Polysticta stelleri*) has undergone precipitous declines in Alaska, from small numbers in the 1970s to no nesting in 1992, and

WHEREAS, the Spectacled Eider (*Somateria fischeri*) has declined from 70,000 pairs to about 4 000 pairs since 1970, and

WHEREAS, the breeding and wintering biology of both species is poorly known,

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society and the Society of Canadian Ornithologists applaud efforts by the United States Fish and Wildlife Service to study these two species, and

BE IT FURTHER RESOLVED that the Wilson Ornithological Society and the Society of Canadian Ornithologists support listing the North American populations of Steller's Eider and the world population of Spectacled Eider as "threatened" by the United States Fish and Wildlife Service.

Charles Smith moved to accept this resolution and Ted Smith seconded, and the motion was passed unanimously by the membership.

Resolution to the Local Committee

WHEREAS, the Wilson Ornithological Society held its seventy-fourth annual meeting and the Society of Canadian Ornithologists held its twelfth annual meeting jointly in Guelph, Ontario, on the campus of the University of Guelph, at the invitation of the Guelph Field Naturalists' Club, the Department of Zoology, and the Arboretum Centre, and

RECOGNIZING that the Committee on Local Arrangements, under the capable direction of A. L. A. Middleton, provided us with a natural and relaxing venue for the meeting, including a nesting Canada Goose overlooking the proceedings, at the Arboretum Centre, as well as an enjoyable mix of special events, field trips, and evening social events, and

RECOGNIZING that the Committee on the Scientific Program, under the capable direction of Keith Bildstein, arranged outstanding scientific lecture and poster sessions, and

RECOGNIZING that the Society of Canadian Ornithologists, under the direction of Bruce Falls and Michael Cadman, organized a provocative symposium, Monitoring Bird Populations: The Canadian Experience, and Dan Tallman organized the first "Undergraduate Outreach" symposium, and

WHEREAS, all those who have attended the meeting have been enriched by it,

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society and the Society of Canadian Ornithologists commend the Committee on Local Arrangements and the Committee on the Scientific Program for their efforts toward this fine meeting, and

BE IT FURTHER RESOLVED that the Wilson Ornithological Society and the Society of Canadian Ornithologists also thank other supporting groups, including the University of Guelph Graphics and Print Services, the University of Guelph Conference Coordinator, Gary Nadalin, Chris Earley for designing the woodcock logo, and all others without whom this meeting would have not been possible.

The motion to accept this resolution was unanimously moved, seconded, and passed.

The motion for adjournment was made, probably by George Hall, seconded, and the meeting was adjourned at 13:50.

The reports of the standing committees are as follows.

REPORT OF THE JOSSELYN VAN TYNE MEMORIAL
LIBRARY COMMITTEE—1992

Our library has progressed through another good, if not particularly outstanding, year during 1992.

Contributions of material from the membership as a whole were generally down from past years. Thirteen members are recorded as having given, as follows: A. J. Berger, T. Bledsoe, C. T. Collins, S. M. Goodman, G. A. Hall (review copies), J. Hinshaw, R. B. Payne, Point Reyes Bird Observatory, S. Richards (Little Harbor Laboratory), H. Suthers, R. W. Storer, and D. E. Varland. They donated a total of 40 books (32) 178 journal issues (67), 121 checklists and reprints (68), and 30 monographs and reports (17); numbers in parentheses represent the individual contributions of A. J. Berger, who has long displayed particular generosity.

A bequest from Frank Anderson included 392 books, 984 journal issues, 9 reprints and photocopies, and 5 records. This bequest, added to the above, made a grand total of 432 books; 1162 journal issues; 130 checklists, reprints, and photocopies; 30 monographs and reports; and 5 records.

Outbound during the year were 65 separate loans to 49 people. These comprise 18 books, 12 journal volumes, 312 photocopied articles, 1 reprint, 6 translations, and 1 thesis. It is especially gratifying to see how our growing collection of ornithological translations is being used.

Our array of current periodicals is being maintained by various means. This year we made Wilson Bulletin exchanges for 154 publications from 125 institutions, worldwide; 31 publications were received as gifts from 24 institutions and members; direct subscriptions (paid from our own library funds) brought in 16 publications from 12 organizations.

Fifty-eight books, journal issues and tapes were purchased for the library at a cost of \$588.75. Fifty-five duplicate books and 86 journal issues were sold during the year, netting \$1951. Duplicates were also donated to the following institutions: 14 books to the University of Michigan Herbarium Library, 46 journal issues to the Scottish Arctic Institute, and 2 field guides to the Gosse Bird Club, Jamaica.

I think sometimes in becoming preoccupied with comparative figures we may lose sight of the extent of detailed day-to-day labor involved, as in any library, with routine accessioning, cataloguing, sorting and shelving, and the storage and special disposition of duplicates, mailing and correspondence, and record keeping. Increased computerization is, of course, simplifying some of this, while increasing both speed and accuracy; but the whole task remains monumental.

As usual, the success of all these diverse operations has been largely due to the devoted efforts of Janet Hinshaw and other UMMZ staff here in Ann Arbor, and, of course, to the continued support of our farflung membership. The involvement of ever more members, both in making increased donations and in using our evergrowing collection for their own studies, is much encouraged.

William A. Lunk, *Chair*

REPORT OF THE CONSERVATION COMMITTEE

There was no report available from this committee.

REPORT OF THE MEMBERSHIP COMMITTEE

The membership committee currently is constituted by myself and Ken Meyer at the University of Florida, Jim Ingold at Louisiana State University, and Mark Woodrey at the University of Southern Mississippi.

I received about 20 inquiries during the past year. Most were from people interested in joining our society, and one was from a member who was not receiving *The Wilson Bulletin*. I contacted OSNA director Fred Lohrer and the Allen Press business office to make them aware of the problem, and wrote a reply to the member. I was pleased to receive a very courteous thank-you letter from that member.

The WOS membership poster was displayed at the WOS meeting in Kissimmee in April and again at the RRF meeting in Seattle last November. Only 10 brochures were picked up at the RRF in 1991; however, all 30 that were made available were taken at the RRF in 1992. Under the care of Mrs. John Forness, the poster was displayed at the Eastern Bird Banding Association's meeting in New York earlier this month. The poster was next shipped to a contact person in Sacramento; unfortunately, it arrived too late to be taken to the COS meeting.

I am pleased to report that, at long last, a brochure and a letter of invitation were sent to all 2466 OSNA members in the U.S. and Canada who do not belong to the WOS. A copy of this letter has been deposited with the Secretary.

The committee recently began employing two new strategies to increase membership. The first is targeted at authors who publish in *The Wilson Bulletin*. With each new issue, Mark Woodrey will compare the list of authors with our membership roster and send a letter of invitation and our brochure to all nonmembers. Mark also is contacting nonmember authors from the 1992 issues.

The second strategy is aimed at nonmembers who present papers or posters at the annual meeting, excluding those receiving complementary student memberships. Jim Ingold has agreed to take on this task, beginning with the 1992 meeting in Kissimmee.

John A. Smallwood, *Chair*

The Committee on Scientific Program, chaired by Keith Bildstein, presented the following program, assisted by session moderators Charles R. Blem, John L. Confer, Bruce Falls, Ross D. James, and Dan A. Tallman.

PAPERS SESSIONS

Brian D. Peer, Dept. Zoology, Eastern Illinois Univ. "Explanations for the lack of parasitism of the Common Grackle (*Quiscalus quiscula*) by the Brown-headed Cowbird (*Molothrus ater*)."

Kevin M. Brown and Michelle Woulfe, Dept. Biology, York University and The Nature Conservancy. "Adoption in Ring-billed Gulls (*Larus delawarensis*)."

Neil J. Buckley, Dept. Zoology, Univ. Oklahoma. "Local enhancement, information, and the evolution of avian coloniality."

Vladimir V. Pravosudov, Dept. Zoology, Ohio State Univ. "Social organization of the Eurasian Nuthatch (*Sitta europea asiatica*)."

Jennifer L. Maigret, Dept. Biology, Hartwick College. "Variables affecting mass variation in a winter population of Black-capped Chickadees."

Anthony L. Lang, Dept. Zoology, Univ. Toronto. "Macrogeographic variation in the song of the introduced Eurasian Tree Sparrow."

- Jean L. Woods, Mus. Zoology, Univ. Michigan. "Song dialects and reproductive success in the Bobolink."
- Alvaro Jaramillo, Dept. Zoology, Univ. Toronto. "Food and age segregation of the Swainson's Hawk (*Buteo swainsoni*) in Argentina."
- Jan Neuman, Biopsychol. Dept., Memorial Univ. Newfoundland. "Inter-observer reliability in behavioural data: some problems and solutions for field research."
- Ernest J. Willoughby, Div. Nat. Sci. and Math., St. Mary's College of Maryland. "Introductory remarks, Undergraduate Outreach symposium."
- Jerome A. Jackson, Dept. Biol. Sci., Mississippi State Univ. "'Birds and Man'—A non-traditional ornithology course for the non-biologist."
- W. Herbert Wilson, Dept. Biology, Colby College, and Edward H. Burt, Jr., Dept. Zoology, Ohio Wesleyan Univ. "Perspectives on undergraduate ornithology courses in North America: results of a survey."
- Jim Brett, Hawk Mountain Sanctuary. "The Hawk Mountain Sanctuary intern program."
- Drew J. Hoysak and C. Davison Ankney, Dept. Zoology, Univ. Western Ontario. "Morphological, hormonal, and other factors influencing Mallard dominance over American Black Ducks."
- Michele Sullivan and Erica Noll, Dept. Watershed Ecosystems, Trent Univ. "Parental care of coastal and inland nesting Semipalmated Plovers at Churchill, Manitoba."
- Erica Noll, Dept. Biology, Trent Univ. "Spacing patterns in mixed-species flocks of oystercatchers: effects of differential foraging behaviour."
- Daniel S. McGeen, Auburn Hills, MI. "The habitat—Kirtland's Warbler—Brown-headed Cowbird Ecosystem."
- Bridget J. Stutchbury, Dept. Biology, York Univ., and David Mark, Dept. Biology, Yale Univ. "Response of a forest interior songbird to threat of cowbird parasitism."
- Diane L. Neudorf and Spencer G. Sealy, Dept. Zoology, Univ. Manitoba. "Sunrise vigilance by cowbird hosts: does it prevent parasitism?"
- Charles R. Blem and Leann B. Blem, Virginia Commonwealth Univ. "Do swallows sunbathe to control ectoparasites? An experimental test."
- Satu Pernaenen and Jon C. Barlow, Dept. Zoology, Univ. Toronto. "Interspecific territoriality and aggression in Brewer's and Clay-colored Sparrows."
- Lesley J. Evans and Bridget J. Stutchbury, Dept. Biology, York Univ. "The effects of winter territoriality on breeding strategies in Hooded Warblers (*Wilsonia citrina*). Is there a cost to late season brood care?"
- Diane Lacombe and D. M. Bird, Avian Sci. and Conservation, McGill Univ. "The effect of a cholinesterase inhibitor on the hunting behavior of the American Kestrel (*Falco sparverius*)."
- J. Bruce Falls, Dept. Zoology, Univ. Toronto. "Introductory remarks, Monitoring Bird Populations symposium."
- Dale Caswell, Canadian Wildlife Service, Winnipeg. "Monitoring Canadian waterfowl populations."
- R.I.G. Morrison, C. Downes, and B. Collins, Canadian Wildlife Service, Quebec. "Monitoring shorebird populations in Canada: the Maritimes Shorebird Survey and shorebird population trends 1974–1990."
- David N. Nettleship, Canadian Wildlife Service, Dartmouth. "Canada's seabirds: CWS monitoring program, 1972–1992."
- Michael D. Cadman, Canadian Wildlife Service, Guelph. "Breeding bird atlases and the monitoring of rare species in Canada."
- Michael S. W. Bradstreet, Long Point Bird Observatory, Port Rowan. "Using landbird surveys to monitor changes in Canadian bird populations."

- Andre Cyr, Dept. Biology, Sherbrooke Univ., and Jacques Larivee, CEGEP. "Monitoring bird population changes with EPOQ (Studies of bird populations in Quebec): twenty-year trends."
- David J. T. Hussell, Ontario Ministry Nat. Resources, Maple. "Monitoring migrants to detect changes in populations of breeding birds in Canada: present status and future prospects."
- Erica H. Dunn, Canadian Wildlife Service, Ottawa. "Monitoring bird populations with winter counts: the Canadian experience."
- C. M. Downes, Canadian Wildlife Service, Ottawa, and D. Welsh, CWS, Nepean. "An overview of bird monitoring in Canada."
- John A. Smallwood, Dept. Wildl. and Range Sci., Univ. Florida, and Michael Collopy, BLM, Corvallis. "Nest-box program for management of the threatened Southeastern American Kestrel."
- Peter J. Ewins, Canadian Wildlife Service, Burlington. "Do eggs of migrant Ospreys reflect uptake of organochlorine contaminants on breeding areas?"
- David N. Nettleship, Canadian Wildlife Service, Dartmouth, and Tim R. Birkhead, Dept. Anim. and Plant Sci., Sheffield Univ. "The effect of an invasion of arctic foxes on the seabird community at the Gannet Islands, Labrador."
- James V. Briskie, Dept. Biology, Queens Univ. "Seasonal patterns of sperm storage in the Yellow-headed Blackbird."
- Michael P. Losito and Guy A. Baldassarre, Fac. Environ. and For. Biology, Syracuse Univ. "Reproductive success and survival of female Mallards (*Anas platyrhynchos*) in the St. Lawrence River Valley."
- Joanna R. Freeland, Susan Hannon, Gloria Dobush, and Peter T. Boag, Dept. Biology, Queen's Univ., and Dept. Zoology, Univ. Alberta. "DNA fingerprinting of Willow Ptarmigan."
- John L. Confer, Biology Dept., Ithaca College, and Paul E. Allen, Ecol. and System., Cornell Univ. "The Golden-winged Warbler. Potential interference competition with the Blue-winged Warbler and subsequent Brown-headed Cowbird nest parasitism."
- Michael T. Murphy, Dept. Biology, Hartwick College. "Breeding dispersal and survival of Eastern Kingbirds."
- Charles M. Francis, Ottawa. "Selection on colour morphs of Lesser Snow Geese through correlated behavioural traits."
- Donald A. McCrimmon, Dept. Biology, Oakland Univ., Slawomir T. Fryska, Dept. Eng. and Comp. Sci., Oakland Univ., and Gregory S. Butcher, Lab. Ornithology, Cornell Univ. "Some nonlinear dynamics of six species of Florida Ciconiiformes."
- Ross D. James and Mark K. Peek, Dept. Ornithol., Royal Ontario Mus. "Breeding bird populations in managed jack pine stands in central Ontario."
- Richard N. Conner and D. Craig Rudolph, Southern Forest Exper. Sta., U.S. Forest Serv. "The role and value of Red-cockaded Woodpeckers in the southern pine ecosystem."
- D. Craig Rudolph, Richard N. Conner, and Richard R. Schaeffer, Southern Forest Exper. Sta., U.S. Forest Serv. "Interactions of Red-cockaded Woodpeckers, rat snakes, and southern flying squirrels."
- Clement Ouellet and Jean-Francois Giroux, Dept. Sci. Biol., Univ. Quebec de Montreal. "Factors influencing fall movements of Black Ducks along the St. Lawrence estuary."
- W. A. Montevecchi, Dept. Psychol., Memorial Univ. Newfoundland, and R. A. Myers, Sci. Branch, Fish. and Oceans Canada. "Seabirds as monitors of the availability of pelagic prey."
- Tim P. Birt and Allan J. Baker, Dept. Ornith., Royal Ontario Mus. "Evolution within the Psittaciformes based on direct sequence analysis of mitochondrial DNA."

- V. L. Birt-Friesen, W. A. Montevecchi, Dept. Pyschol., Memorial Univ. Newfoundland, and W. S. Davidson, Dept. Biochem., Memorial Univ. Newfoundland. "Genetic substructuring within a Thick-billed Murre colony."

POSTERS

- Michael Carey, Dept. Biology, Univ. Scranton. "Mating system variation in a population of Field Sparrows."
- Marian George and William C. George (deceased), Dept. Zoology, Southern Illinois Univ. "Domestic cat predation on birds in rural southern Illinois: a twelve-year study."
- J. L. Spencer and H. T. Hendrickson, Dept. Biology, Univ. North Carolina at Greensboro. "Influence of human population density on population trends of wintering passerine birds."
- Valerie A. Olson, Dept. Zoology, Univ. Guelph. "Coccidian infection in the American Goldfinch (*Carduelis tristis*).
- Steven A. Edinger, Dept. Biol. Sci., Ohio Univ. "Wind-tunnel testing of pigeon flight feathers."

ATTENDANCE

- DISTRICT OF COLUMBIA: *Washington*, Richard C. Banks, M. Ralph Browning, Carla Dove, Roxie C. Laybourne.
- FLORIDA: *Gainesville*, John Smallwood.
- ILLINOIS: *Carbondale*, Marian George; *Charleston*, Brian Peer.
- INDIANA: *Notre Dame*, Doris J. Watt.
- MAINE: *Waterville*, Herb Wilson.
- MARYLAND: *St. Mary's City*, Ernest J. Willoughby.
- MASSACHUSETTS: *Boston*, William (Ted) Davis, Jr.
- MICHIGAN: *Ann Arbor*, Janet Hinshaw, David W. Storer, Robert W. Storer, Jean L. Woods; *Auburn Hills*, Dan McGeen, Jean McGeen; *Rochester*, Donald A. McCrimmon.
- MISSISSIPPI: *Mississippi State*, Robert Hole, Jr., Jerome A. Jackson.
- MONTANA: *Missoula*, Donald A. Jenni.
- NEW JERSEY: *Cape May*, Tom Parsons; *White House Station*, Robert W. Colburn.
- NEW YORK: *Ithaca*, John L. Confer, Charles R. Smith; *Hartwick*, Jennifer Maigret, Michael Murphy; *Utica*, Judy McIntyre, Pat McIntyre.
- NORTH CAROLINA: *Greensboro*, H. T. Hendrickson, Jacqueline L. Spencer.
- OHIO: *Athens*, Steven A. Edinger, Vicky D. German; *Columbus*, Raul Doherty, Thomas Grubb, Vladimir Pravosudov.
- OKLAHOMA: *Norman*, Neil Buckley.
- PENNSYLVANIA: *Allentown*, Daniel Klem, Jr.; *Kempton*, Keith L. Bildstein, Jim Brett, Laurie J. Goodrich; *Scranton*, Michael Carey; *Washington*, Judi Ickes, Roy A. Ickes.
- SOUTH DAKOTA: *Aberdeen*, Dan Tallman.
- TEXAS: *Galveston*, Mary H. Clench; *Nacogdoches*, Richard N. Conner, D. Craig Rudolph.
- VIRGINIA: *Richmond*, Charles R. Blem, Leann B. Blem.
- WEST VIRGINIA: *Morgantown*, George A. Hall.
- ALBERTA: *Edmonton*, George Ball, Kathleen E. Ball.
- MANITOBA: *Winnipeg*, Spencer G. Sealy.
- NEW BRUNSWICK: *Sackville*, A. J. (Tony) Erskine.
- NEWFOUNDLAND: Bill Montevecchi.
- NOVA SCOTIA: *Halifax*, David Nettleship.
- ONTARIO: *Belleville*, Norman Martin; *Branchton*, Al Sandilands; *Guelph*, Tom Ashby, Ed. Bailey, Ian Baker, Pam Bessey, Mary Beverley-Burton, David Brewer, Lucille Brown,

Mike Cadman, Chris Earley, Lori Ferguson, Graeme Gissing, Mike LePage, Lois McCullough, Chris McKinnon, Alex Middleton, Mark Miller, Valerie Olson, Paul Stack, Uta Strelive, Vernon Thomas, Sarah Wilkson, Harry Vogel; *King City*, Dorothy M. Richardson, W. John Richardson; *Kingston*, James V. Brisjje, Joanna Freeland, Laurene Ratcliffe; *London*, Drew Hoysak; *Ottawa*, David M. Bird, Wendy Calvert, Brenda Dale, Connie Downs, Erica Dunn, Glen Fox, Charles M. Francis, Ellen Hayakawa, Colleen Hyslop, Henri Ouellet, Jean-Pierre L. Savard, Gaston Tessier; *Nepean*, Hans BlokPoel; *Peterborough*, Erica Nol, Chris Risley, Michele Sullivan; *Pickering*, J. Murray Spiers; *Sarnia*, Mike van den Tillaart; *Toronto*, Jon C. Barlow, Tim Birt, Vicki Birt-Friesen, Kevin Brown, Jim Dick, Leslie J. Evans, George M. Fairfield, Jean A. Fairfield, Bruce Falls, C. David Fowle, David Hussell, Ross James, Dan R. Kozlovic, Martin K. McNicholl, David Mussell, Diane L. Neudorf, Bridget J. Stutchbury.

QUEBEC: *Montreal*, Jean-Francois Giroux; *Sherbrooke*, Andre Cyr.

ADDRESSES UNKNOWN: Margaret Bain, Chuck Banks, Fred Bodsworth, Cynthia Bronson, Heather Deawar.

Erratum

The dates of the study by Richard H. Yahner titled "Effects of long-term forest clearcutting on wintering and breeding birds" (*Wilson Bulletin* 105:239–255) were given incorrectly as 1987–1989. The correct dates of the research are 1988–1990.